Wargaming & Experimentation Activities Key Results

Current Events

9-12 JAN	Combined Coordination Conference, FDIC Trng Ctr
9-11 JAN	Joint Urban Warrior 07 Planning Conference
9-12 JAN	Unified Quest 07 Strategic Guidance Workshop
16-18 JAN	JUO Capabilities Assessment- FAA LOE #1
18-21 JAN	Trident Warrior 07 Cognitive LOE
21-26 JAN	Expeditionary Warrior 07 Event Execution
22-26 JAN	JEFX 08 LOE-3
29 JAN-2 FEB	Unified View 07 FAA Workshop
30 JAN	Executive Council
26 FEB	2nd Annual Modeling & Simulation Leaders Summit

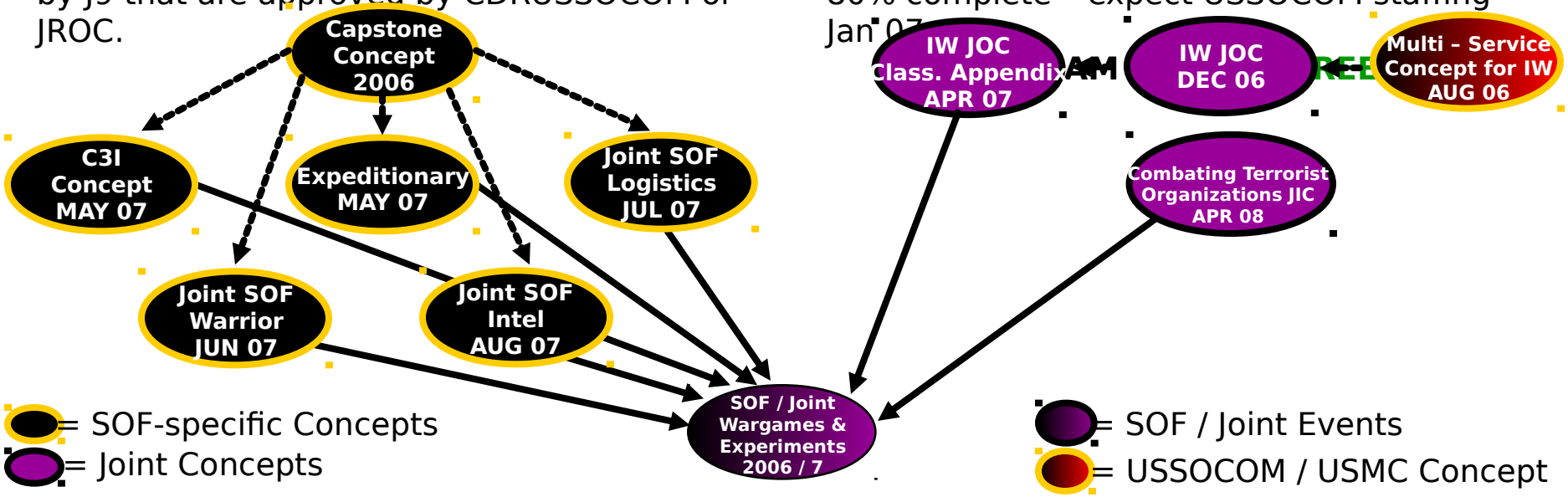
SOKF- J9 Concept Development

DESCRIPTION

- **PROGRAM REQUIREMENT:** Responsible for USSOCOM's future concepts process.
- **STRATEGY:** Develop SOF concepts. Integrate SOF into Joint concepts. Ensure SOF concepts support CDRUSSOCOM guidance and vision. Synchronize SOF concept development with DOD and interagencies through JCIDS.
- **METRIC:** Percentage of concepts written by J9 that are approved by CDRUSSOCOM or JROC.

STATUS - ISSUES

- **IW JOC** development complete – TANK Briefs & SECDEF approval and signature expected early Jan 07 – Development of **Classified Capabilities Appendix** Jan-May 07
- Development of **Joint Expeditionary SOF** enabling concept, supporting CCSO, on-going
- Revision of **Concept Campaign Plan** 80% complete – expect USSOCOM staffing Jan 07


Capstone Concept 2006
C3I Concept MAY 07
Expeditionary MAY 07
Joint SOF Logistics JUL 07
Joint SOF Warrior JUN 07
Joint SOF Intel AUG 07
SOF / Joint Wargames & Experiments 2006 / 7
IW JOC Class. Appendix APR 07
IW JOC DEC 06
Multi – Service Concept for IW AUG 06
Combating Terrorist Organizations JIC APR 08
= SOF-specific Concepts
= Joint Concepts
= SOF / Joint Events
= USSOCOM / USMC Concept

SOKF- J9 Wargaming

DESCRIPTION

PROGRAM REQUIREMENT: J9 participates in wargames to closely examine future SOF concepts, to formulate recommendations and make decisions to generate more viable capabilities and solutions.

STRATEGY: To test, analyze, and evaluate Irregular Warfare and SOF concepts in preparation for future operations in a global battle space.

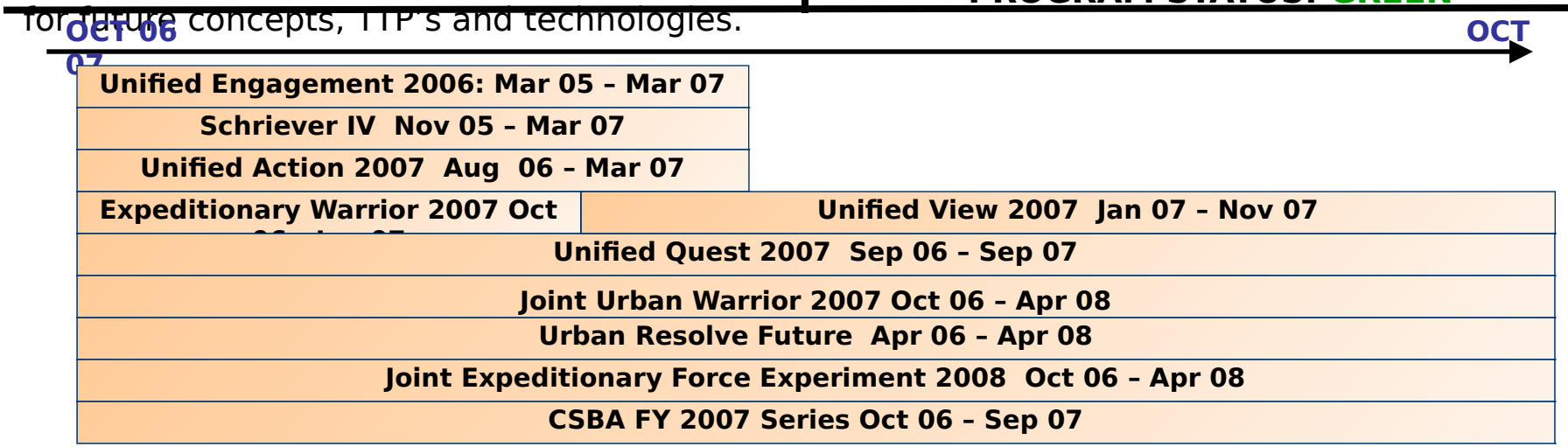
METRIC: To determine the viable level of acceptance and measures of effectiveness for future concepts, TTP's and technologies.

STATUS - ISSUES

- Exploring possible solutions to operate in a distributed network which could enhance reach-back to participants in wargames.

- Funding in support of component active, relevant participation in wargames/experiments

PROGRAM STATUS: GREEN


OCT 06
07
OCT
Unified Engagement 2006: Mar 05 – Mar 07
Schriever IV Nov 05 – Mar 07
Unified Action 2007 Aug 06 – Mar 07
Expeditionary Warrior 2007 Oct
Unified View 2007 Jan 07 – Nov 07
Unified Quest 2007 Sep 06 – Sep 07
Joint Urban Warrior 2007 Oct 06 – Apr 08
Urban Resolve Future Apr 06 – Apr 08
Joint Expeditionary Force Experiment 2008 Oct 06 – Apr 08
CSBA FY 2007 Series Oct 06 – Sep 07

SOKF- J9 Experimentation

DESCRIPTION

• **PROGRAM REQUIREMENT:** Experimentation serves as a central hub to focus S&T and Research organizations addressing current and future capability gaps for SOCOM and the components.

• **STRATEGY:** Maintain communication with Concepts, SOAL, and components in order to focus the priorities of Experimentation efforts.

• **METRIC:** The successful validation of future SOF capabilities, identification of candidates for technology insertion, and exploration of the feasibility of emerging technologies.

STATUS - ISSUES

• A focused attack on capability gaps is limited until the completion of SOF concepts and JCIDS analysis.

• J-9 Experimentation currently leverages funding from Naval Post Graduate School, DARPA, NRL, AFRL, ARL, TSWG, and various congressional supplementals to specific contractors.

• JFCOM funding of an experimentation cell would greatly enhance the breadth and depth of the J-9 experimentation.

PROGRAM STATUS: GREEN

JAN 06 — JUN 06 — JAN 07 — JUN 07

06-02
Successful network control of multiple UAVs

06-03
Successful, cooperative CAS targeting with UAV imagery and FA-18 FLIR video

06-04
Expansion of wireless network to include ground nodes and over the horizon UAV capability

07-01
Successful network, cooperative targeting, and tracking with multiple UAVs

- **Advanced, wireless network development**
- **Network control/management of UAVs**
- **Advanced video/photo stitching/processing**
- **IED detection and jamming**
- **Airspace de-confliction and**

06)

Event / Activity Description

- US Army and US Joint Forces Command co-sponsored Title-10 wargame
- Designed to highlight SSTRO
- Further transformation through investigation and integration of future warfighting operational concepts
- Theme: Joint Urban Operations situated in Baghdad during 2015 time frame using 2006 capabilities and force structure during HITL #1 and then using proposed 2015 force structure and capabilities during HITL #2 and HITL #3

Participants: All Services, JFCOM, SOCOM, UK, Canada, Australia, and Interagency

Key Objectives / Warfighter Challenges

- Examine and evaluate JSAF and SEAS capabilities to model urban populations, traffic, and culture in support of CMO and PSYOP in the Urban Battlespace, and thereby provide an operational level tool for assessment and predictive analysis
- Examine how SOCOM can focus its core CA capability to assess and advise the JFC in employing conventional forces for the conduct of CMO and prepare the battle space by minimizing force on force operations
- Examine how SOCOM can integrate PSYOP and CA capabilities with conventional forces in order to enhance the force's abilities to conduct CMO in the Urban Battlespace
- Experiment focusing on roles, relationships, and capabilities of SF, CA, and PSYOP as portrayed at the JTF and JFLCC levels

Key Findings:

- Synthetic Environment Analysis Simulation (SEAS)
  - SEAS has sufficient capacity to model a complex urban environment
  - SEAS *CAN* be an operational level tool for COA assessment and predictive analysis
  - SEAS should not be the sole basis of a COA decision
- The key COG for 21st Century SSTRO military operations may be the civil populace. In order to effectively address this paradigm, DoD should assess a requirement for training in CMO for all commanders and staff at the brigade level and higher
- Operations need a Combined/Joint coordinating, unifying structure from the RCC down to ensure USG goals and objectives are met while supporting various command levels
- The Campaign Plan should address the role of CA as a DoD interface between military and civilian agencies
- The Joint IO concept worked well in HITL1 &2. Its replacement, the Communications Strategy Board concept, has potential, however, for HITL3, it was inadequately introduced to the player audience and was never fully tested to determine its value. JPOTF must be primary member of CSB
- SF successfully planned, staffed, and conducted Joint/Combined DA missions while supported by JFLCC, JFACC, JPOTF (FWD), CA BDE, and JTF PAO and demonstrated the potential of the JTF Collaborative Information Environment (CIE) suite - consisting of IWS, JCPOF, VOIP,C2PC, and Outlook

Nov 06)

Event / Activity Description

- US Air Force and US Joint Forces Command co-sponsored Title-10 wargame
- Designed to highlight air and space power to the joint community
- Further transformation through investigation and integration of future warfighting operational concepts
- Theme: meeting the challenges of joint and combined combat operations in the integrated globalized environment of 2018

Participants: All Services, JFCOM, EUCOM, NORTHCOM, UK, Canada, Italy, Germany, Finland, Japan, Korea, Poland, Sweden

Key Objectives / Warfighter Challenges

- Explore how SOF will operate within the interagency realm in the globalized environment of the future
- Demonstrate and socialize SOF capabilities in an IW environment
- Ensure SOF capabilities and concepts are properly incorporated into Service and joint warfighting concepts
- Identify SOF and GPF integration requirements, shortfalls, and possible solutions
- Test emerging concepts for C4ISR initiatives and identify any related capability shortfalls
- Identify observations and insights which might support refinement of SOF concepts
- Identify ways future space-based systems impact SOF

Key Findings:

- There are eight major topics within which findings were categorized
- SOF findings are available in a memorandum for the commander, USSOCOM, Unified Engagement 2006 Wargame dated 17 Nov 2006 (SECRET//REL USA, AUS,CAN, GBR)
- SOF findings include:
  - Current AFSOC lift and other platforms were not sufficient to support the SOF remote area UW campaign
  - SOF foreign language capability requires much improvement
  - Most current PSYOP technologies were viewed as obsolescent in 2018
  - CFC staff did not understand SOF or irregular warfare

Near Term Wargamming & Experimentation Activities

Expeditionary Warrior 07

Event / Activity Description

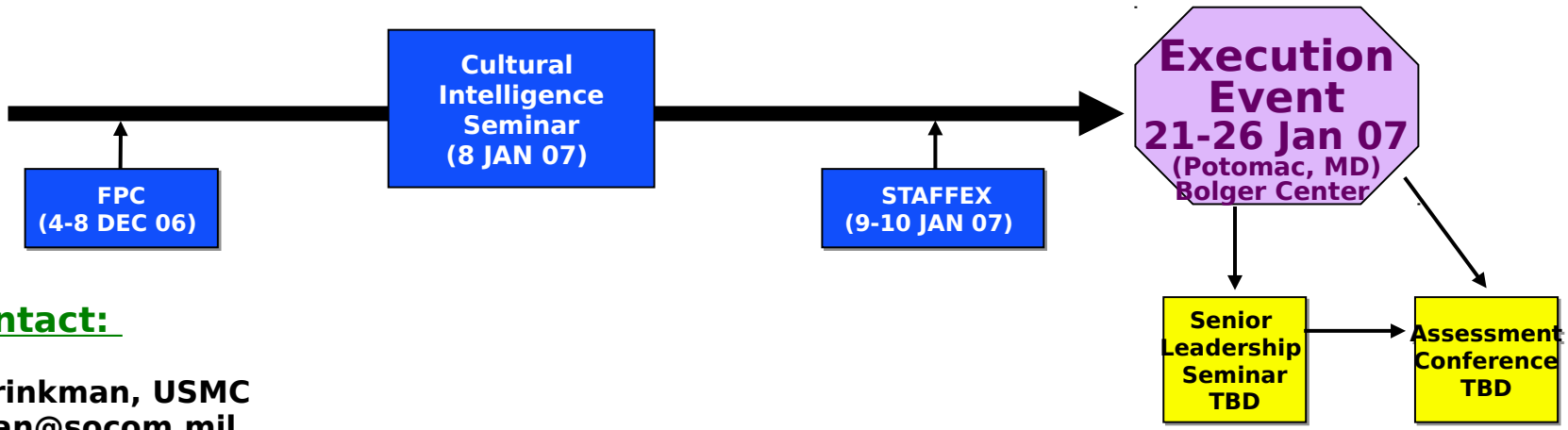
USMC Title X wargame will examine campaign design and the transition to planning for complex operations in the PACOM area of operations with the primary focus on the Philippine Islands. Game play is 2007, looking out eight years to 2015.

Participants: USMC, JFCOM, TRADOC, DOS, Foreign Services

Key Objectives / Warfighter Challenges

- Identify insights and observations which might support refinement of the CCSO, IW JOC, or SOF FOE
- Determine future CA/PYSOP capability requirements.
- Identify future SOF/General Purpose Force integration requirements
- Socialize current and future SOF capabilities
- Identify SOF urban warfare capability requirements for consideration in future concepts

Events / Milestones



Point of Contact:

LtCol Mark Brinkman, USMC
mark.brinkman@socom.mil
COMM: 813-826-4122 / DSN: 299-4122

Schriever IV (24-30 Mar 2007)

Event / Activity Description

- US Air Force Space Command
- Investigate future space systems, missions they support, and ensure survivability
- Allow examination of operational concepts
- Mature space capabilities comparable to air, land, and sea
- Fourth in a series of games to build and sustain a cadre of military professionals fluent in space issues focused on the needs of the joint warfighter

Participants: **All Services, JFCOM, STRATCOM**

Key Objectives / Warfighter Challenges

- Explore how SOF will operate within the interagency realm in the globalized environment of the future
- Ensure SOF capabilities and concepts are properly incorporated into Service and joint warfighting concepts
- Identify SOF and GPF integration requirements, shortfalls, and possible solutions
- Test emerging concepts for C4ISR initiatives and identify any related capability shortfalls
- Identify observations and insights which might support refinement of SOF concepts
- Identify ways future space-based systems impact SOF methods of operation

CLASSIFIED EVENT (SECRET)

Events / Milestones

Point of Contact:
Lt Col John Martin, USAF
martij2@socom.mil
COMM: 813-826-4499/DSN: 299-4499

May 07)

Event / Activity Description

Future Full Spectrum Operations: Joint, Interagency, and Multinational organizations combine offensive, defensive, and stability or civil support operations simultaneously as part of an interdependent Unified organization. They employ synchronized action—lethal and non-lethal, proportional to the mission, and informed by a thorough understanding of the operational environment. Mission command that conveys intent and an appreciation of the unique aspects of the situation guides the adaptive use of the instruments of power.

Participants: All Services, JFCOM, EUCOM, NORTHCOM, UK, Canada, Italy, Germany, Finland, Japan, Korea, Poland, Sweden

Key Objectives / Warfighter Challenges

- Execute protracted Unconventional Warfare (UW) as both the main effort of a Joint Campaign and as an element of a larger Conventional Campaign
- Identify the institutional challenges that limit US capacity and capability for waging offensive IW
- Identify the optimum Command & Control mechanisms for a protracted UW campaign
- Explore the challenges of conducting protracted IW within the three operational environments envisioned in IW JOC
  - Hostile state with which we are not formally at war
  - Non-state enemy organizations operating within a non-belligerent state
  - Friendly state threatened by an irregular adversary (insurgency)

Unified Quest 07 Proposed Schedule

Initial Planning Seminar (IPC) 19-20 Sep 06 DC Area	**Senior Leader Forum (SLF) II** 21 Sep 06 DC Area	**National Security Seminar** 24-27 Oct 06 DC Area	**CO-BCT Seminar Wargame (SWG)** 4-8 Dec 06 DC Area	**SLF III, Offensive IW BCT-CJFLCC SWG** 12 Jan 07 DC Area
Op Design I (T) 16-25 Jan Ft. Leavenworth	**UW (SWG 1)** 5-8 Feb 07 Ft. Leavenworth	**Staff Planning Exercise** 6-15 Mar 07 Ft. Leavenworth	**Scouting the Far Future Seminar** 27-29 Mar 07 DC Area	**Assessor Training** 22-25 Apr 07 Carlisle, PA

UNIFIED QUEST 2007 - CJTF-COCOM-IA Wargame
26 Apr – 4 May 07 - Army War College, Carlisle, PA

UQ 07 SLS
4 May 07
Carlisle, PA

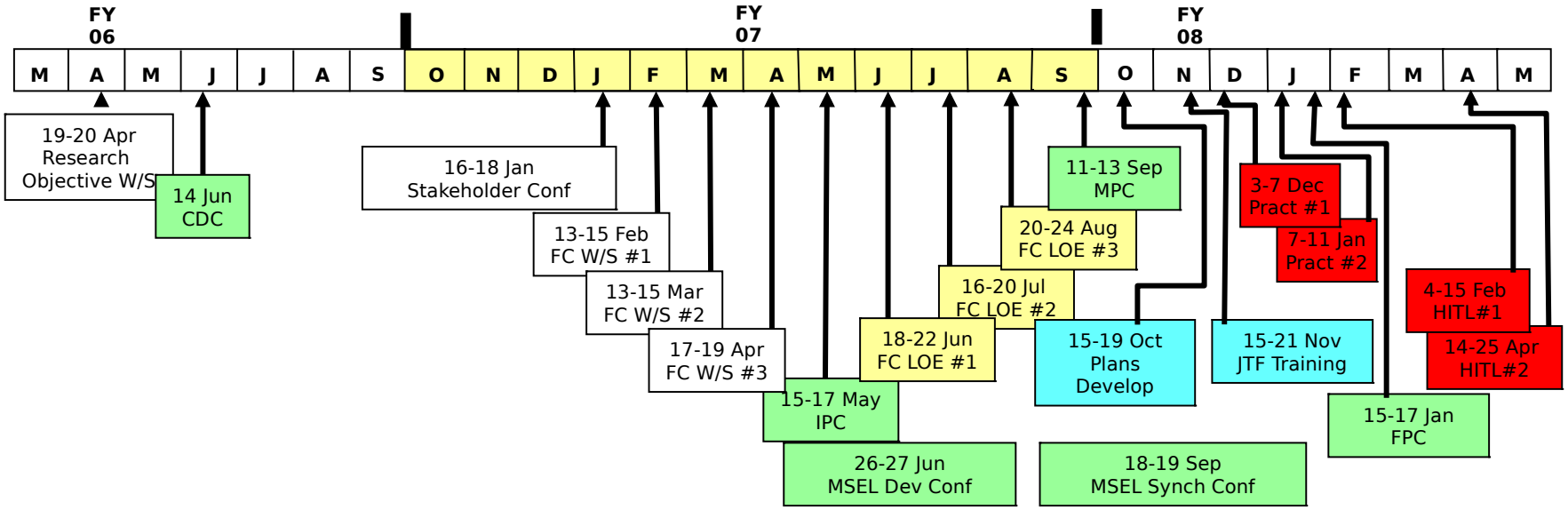
Urban Resolve Future FY 08

Event / Activity Description

- Long War – Global War on Terror:
  - Major Combat Operations (1 Week)
  - Post Major Combat Operations (1 Week)
- Set Conditions for the Reconstruction Effort
- Iraq -- and surrounding environs
- Emphasis will be on adaptive Joint Force Command and Control at the operational level
  - Battlespace Awareness
  - Force Protection
  - Force Application (Lethal & Non-Lethal)
- CJTF to Component Experimentation Focus with sufficient trade space for Service experimentation

Key Objectives / Warfighter Challenges

- Validate, identify and refine the joint concept required operational capabilities
- Identify functional capability gaps to those required operational capabilities
- Examine potential high payoff solutions to joint warfighting issues
- Support JUO Joint Integrating Concept Development – inform other Joint and Service concepts
- Provide an experimental construct that enables Multi-National participation
- Provide an experimental series that advances the art of experimentation
- Examine and validate modeling and simulation capabilities that provide Joint warfighting value


FY 06
FY 07
FY 08
M A M J J A S O N D J F M A M J J A S O N D J F M A M
19-20 Apr Research Objective W/S
14 Jun CDC
16-18 Jan Stakeholder Conf
13-15 Feb FC W/S #1
13-15 Mar FC W/S #2
17-19 Apr FC W/S #3
15-17 May IPC
26-27 Jun MSEL Dev Conf
18-22 Jun FC LOE #1
16-20 Jul FC LOE #2
20-24 Aug FC LOE #3
11-13 Sep MPC
15-19 Oct Plans Develop
18-19 Sep MSEL Synch Conf
15-21 Nov JTF Training
3-7 Dec Pract #1
7-11 Jan Pract #2
15-17 Jan FPC
4-15 Feb HITL#1
14-25 Apr HITL#2

Unified Action 2007

Event / Activity Description

USJFCOM sponsor. Based on a scenario set in sub-Saharan Africa, a major experiment focusing on interagency coordination at the combatant command level. Three year umbrella program with eight imbedded projects. The scope will be sufficient to identify significant gaps in US capacity in the areas of security, governance and participation, economic stabilization and infrastructure, humanitarian assistance and social well-being, and justice and reconciliation.

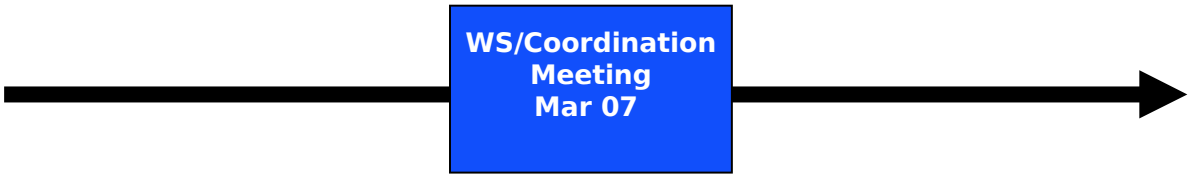
Participants: USMC, JFCOM, TRADOC, DOS, Foreign Services

Key Objectives / Warfighter Challenges

- Identify future civil affairs and psychological operations capability requirements
- Identify observations and insights which might support refinement of the SOF Future Operating Environment (FOE), the Capstone Concept for Special Operations (CCSO), or any of the Joint Special Operations Keystone Capability Areas (JSOKCA)
- Ensure SOF capabilities and concepts are properly incorporated into Service and joint warfighting concepts

CLASSIFIED EVENT (SECRET)

Events / Milestones



Strategy Pause

Point of Contact:

Mr. Serge Loiseau
Serge.loiseau.ctr@socom.mil
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Joint Urban Warrior 07

Event / Activity Description

Joint Urban Warrior (JUW) is cosponsored by the USMC and USJFCOM and is designed to address and improve joint and combined urban operations concept development and experimentation._

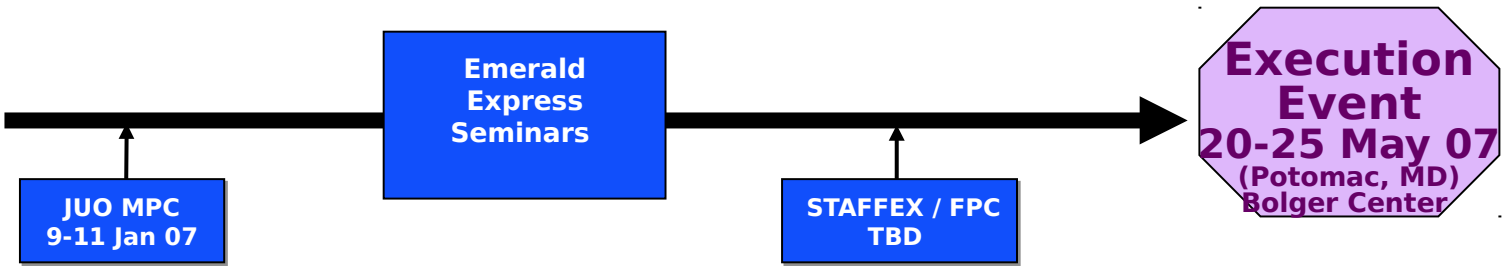
JUW involves Service, Joint, Multinational, and Interagency participation throughout the Pathway

Participants: USMC, JFCOM, TRADOC, DOS, Foreign Services

Key Objectives / Warfighter Challenges

- Research, assess, and define the phenomenon of "strategic compression" as it pertains to the urban and IW environments, with particular emphasis on the overlapping or merging of the three levels of war - strategic, operational and tactical, and the impact on Joint, Combined and Interagency interaction and operations in the urban and IW environments.
- Further refine the Joint Urban Operations Concept with reference to examining and assessing the impact of strategic compression on IO in complex urban and IW environments, with regard to intelligence dominance, and identifying and developing culturally attuned methods to potentially [illegible] urban populations

Events / Milestones



Point of Contact:

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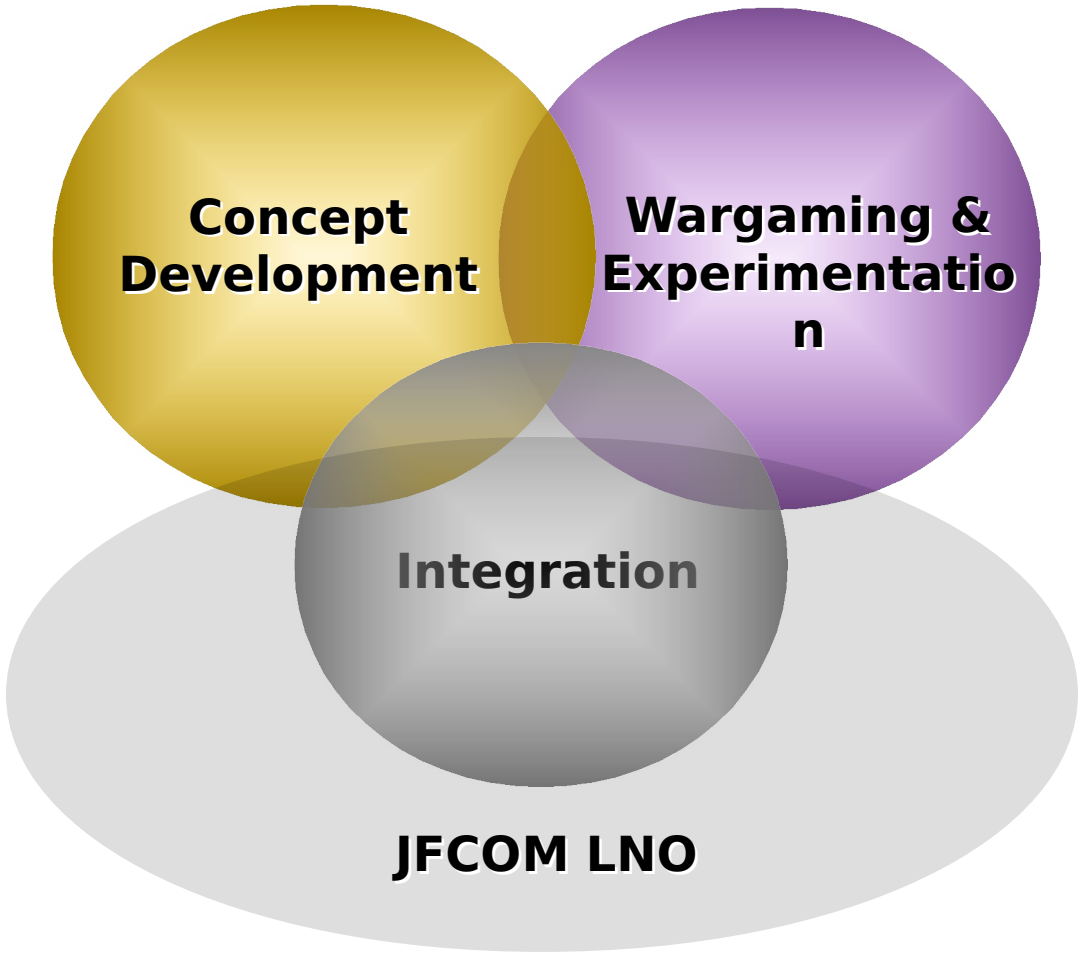
QUESTIONS

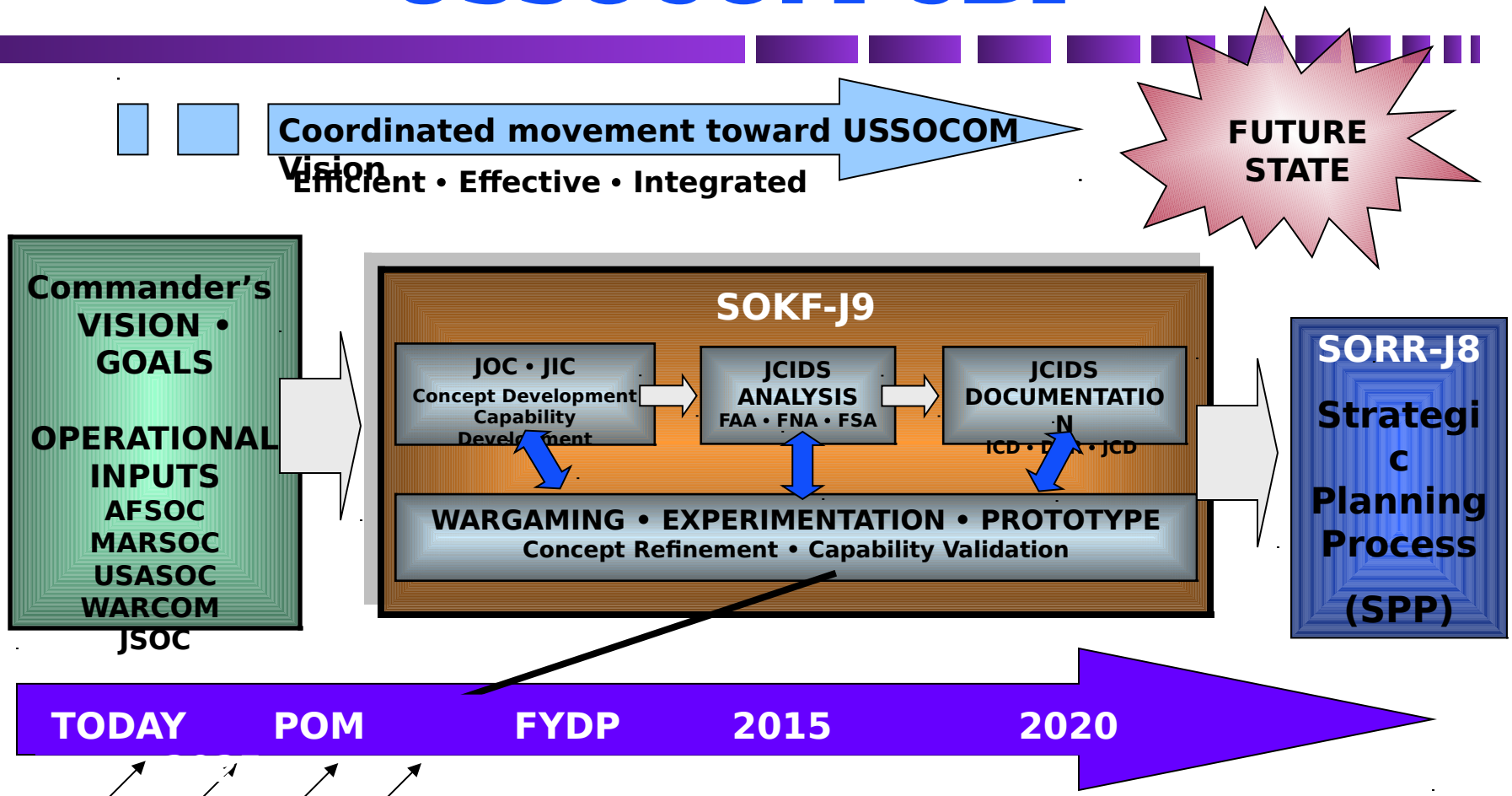
BACK-UP

J9 Organizational Structure



J-9 Director synchronizes interdependent functions of each Division

USSOCOM CBP



KEY ATTRIBUTES:

- Capabilities Based Planning
- Analytical Approach to Decision Making
- Enables USSOCOM to capture Long-Term Future Requirements
- Coordinates Directorates and Component Commands toward our Vision
- Balances current requirements with Mid-Range and Long-Range Planning

Development

DESCRIPTION

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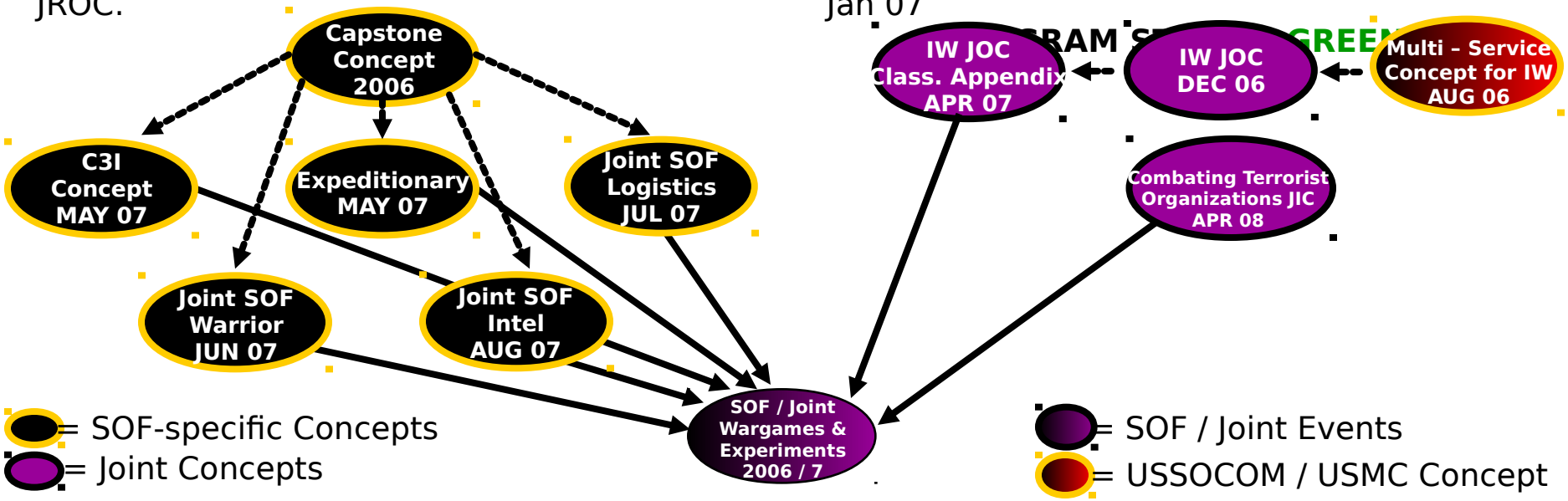
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